

Title (en)

Infrared-absorbing inkjet ink composition for security document personalization

Title (de)

Infrarotabsorbierende TintenstrahlTintenzusammensetzung zur Sicherheitsdokumentpersonalisierung

Title (fr)

Composition d'encre pour jet d'encre absorbant les infrarouges pour la personnalisation de documents de sécurité

Publication

**EP 2942378 B1 20160824 (EN)**

Application

**EP 14461527 A 20140507**

Priority

EP 14461527 A 20140507

Abstract (en)

[origin: EP2942378A1] An inkjet ink composition comprising: at least one near infrared (NIR) absorbent selected from the group consisting of: metal dithiolene complexes, cyanines, and phthalocyanines in amount of from 0,05% to 5% w/w; gamma-butyrolactone as a solvent in amount of from 1% to 30% w/w; 2-butoxyethyl acetate as a solvent in amount of from 50% to 95% w/w; and vinylchloride-vinylacetate copolymer as a binder in amount of from 0,1% to 5% w/w.

IPC 8 full level

**C09D 11/32** (2014.01); **B41M 3/14** (2006.01); **C09D 11/38** (2014.01)

CPC (source: EP)

**C09D 11/32** (2013.01); **C09D 11/38** (2013.01); **B41M 3/14** (2013.01)

Cited by

EP3476907A1; WO2022013081A1; US11383433B2; WO2019081537A1; WO2019057683A1; US11161866B2; US10781228B2; US10780633B2; WO2024061898A3; WO2024061899A3; WO2024061899A2; WO2024061898A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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